



Ole Virginia Times



The OVH ARC Newsletter

"OLE VIRGINIA HAMS" AMATEUR RADIO CLUB, INC.
Post Office Box 1255, Manassas, VA 22110

Repeater -- WA4FPM -- 146.97/224.66
OVH Nodes -- 145.03/223.54
BBS -- BBSERG/N4WJN

JULY 1993

PRESIDENT'S MESSAGE

GREETINGS TO ONE AND ALL - THIS ISSUE OF THE OVH NEWSLETTER MARKS A SERIES OF FIRSTS: (1) THE FIRST ISSUE AFTER THE HAMFEST (2) THE FIRST ISSUE AFTER FIELD DAY (3) THE FIRST ISSUE UNDER OUR NEW EDITOR: THE EVER DYNAMIC JAY EDGAR, N59N. I WISH TO PERSONALLY THANK JAY FOR HAVING AGREED TO ASSUME RESPONSIBILITY FOR THE CONTINUED PUBLICATION OF THE OVH NEWSLETTER, HENCE MAINTAINING A TRADITION THAT DATES BACK MANY YEARS, LONG BEFORE MANY OF US HAD EVEN SET FOOT ON MANASSAS SOIL. I HAVE ABSOLUTELY NO DOUBT THAT JAY CAN AND WILL MAINTAIN THE HIGH EDITORIAL QUALITY AND DEPTH THAT HAS CHARACTERIZED OUR AWARD-WINNING NEWSLETTER THESE MANY YEARS.

ALTHOUGH THERE HAVE BEEN AMPLE OPPORTUNITIES FOR SELF-CONGRATULATIONS SINCE THE WIDELY KNOWN SUCCESS OF THE LAST HAMFEST, I WISH TO REITERATE MY EXPRESSION OF THANKS AND APPRECIATION TO THOSE WHO ORGANIZED WHAT MANY BELIEVED TO BE THE LARGEST AND BEST ATTENDED OVH HAMFEST IN YEARS. SPECIAL MENTION GOES TO DAN, KC4EWT, WHO NOT ONLY MANAGED TO PULL THIS ONE OFF: HE STILL HAD ENOUGH ENERGY LEFT OVER TO ASSIST IN MARSHALLING FIELD DAY LOGISTICS IN COOPERATION WITH STEVE, N4OGR. MY THANKS TO BOTH OF YOU, DAN AND STEVE.

FIELD DAY WAS NOT AS WELL ATTENDED, BUT I ATTRIBUTE THAT TO THE RELATIVE INEXPERIENCE OF THE LAST-MINUTE FOOD CHAIRMAN, YOURS TRULY, N6NSM, WHO AT THE OUTSET HAD ISSUED A DISCLAIMER THAT HE KNOWS NEXT TO NOTHING ABOUT AMERICAN TASTE PREFERENCES. MY APOLOGIES TO THOSE WHO HAD NOTHING BETTER TO EAT THAN HOT DOGS AND HAMBURGERS, BUT I WAS TOLD THAT THIS WAS THE MOST EXPEDITIOUS WAY TO FEED EVERYONE, GIVEN MY LACK OF CULINARY EXPERTISE. (PERSONALLY, I WILL NOT MIND IT IF I DON'T EVER SEE HOT DOG BUNS, OR ANY OTHER BUNS, HEAVENLY OR OTHERWISE, AGAIN FOR THE NEXT TEN YEARS.) WE NEVERTHELESS HAD A LOT OF FUN, MADE A LOT OF CONTACTS, ENJOYED THE CREATURE COMFORTS OF HOME THANKS TO BOB, N4SCK, WHO LENT US HIS MOTORHOME, AND HAD ACCESS TO FIRST CLASS RADIO, COMPUTER AND SATELLITE TRACKING EQUIPMENT, THANKS TO BOB, JAY AND THE REST OF THE GUYS WHO LOANED EQUIPMENT AND TIME TO THE EFFORT. MY HEARTFELT THANKS TO TO ALL OF YOU.

SEE YOU AT THE NEXT MEETING AND 73S,

BUTCH, N6NSM

OLE VIRGINIA HAMS AMATEUR RADIO CLUB

OFFICERS AND COMMITTEES

DIRECTORS
 BOB NR4L 703-361-7335
 TIM KB4NR 703-494-2737
 BUTCH W4HJL 703-369-2877

OFFICERS
 PRESIDENT BUTCH
 VICE PRES JIM
 SECRETARY RON
 TREASURER MIKE

MAIL LIST
 BLAINE KB4RKL 703-369-2877

REPEATER TRUSTEE
 WICRO 703-791-4330

FINANCE COMMITTEE
 KB4NR 703-494-2737
 WA2QEJ 703-791-2932
 MARY LOU KB4EFP 703-369-2877
 PETE KB4RME 703-369-2436
 JEFF KB4IWD 703-830-1150

EMERGENCY COORDINATOR
 W4PVA 703-368-6050

TECHNICAL COMMITTEE
 BUTCH W4HJL 703-369-2877
 TIM KB4NR 703-494-2737
 BOB N4RL 703-361-7335
 JIM WA2QEJ 703-791-2932

REPEATER CONTROLLERS
 WICRO 703-791-4330
 KB4NR 703-494-2737
 N4SN 703-369-7265
 WA2QEJ 703-791-2932
 KB4OF 703-368-6901
 WB4HHN 703-368-6435
 W4HJL 703-369-2877
 KB4EFP 703-369-2877

PACKET COMMITTEE
 WV3H 703-335-2642
 KD4DEG 703-368-5180
 KI4RO 703-349-2650
 N4WJN 703-590-9562
 KB4KBX 703-330-8844

PROGRAM CHAIRMAN
 AB4QV 703-369-6536

1993 HAMFEST CHAIRMAN
 KC4EWT 703-709-0847
 KD4DFD 703-818-2405

REFRESHMENTS
 N4VZT 703-791-5577

MEMBERSHIP CHAIRMAN
 WD4OJY 703-369-3940

COMPUTER COMMITTEE
 WD4AZG 703-791-3839
 N4SN 703-369-7265
 KB4NR 703-494-2737

SCHOLARSHIPS
 KB4RME 703-369-2436

1994 FIELD DAY CHAIRMAN
 T.B.D.

GENERATORS
 KA4AFU 703-369-2741

NEWSLINE REPORT
 KB4RME 703-369-2436

HISTORIAN
 N4NRK 703-690-5949

PUBLICITY CHAIRMAN
 KM4UH 703-369-5287

OVH WEEKLY NET
 W4PVA 703-368-6050

CLUB NEWSLETTER
 NS5N 703-369-1575

EDUCATIONAL COMMITTEE
 N4YOB 703-791-5995

F.A.R. REPRESENTATIVE
 KD4KBX 703-330-8844

NEWSLINE REPORT
 PETE 703-369-2436

HISTORIAN
 GREG 703-690-5949

PUBLICITY CHAIRMAN
 KEN 703-369-5287

PLEASE TAKE NOTE OF THIS NEW MASTHEAD AND ADVISE ME OF ANY CHANGES/DELETIONS/ADDITIONS.

The "Ole Virginia Hams" would like to take this opportunity to introduce our Club to you.

This non-profit club is organized exclusively for the educational and scientific study of electronics and communication, and to provide amateur communication services for public service. The "Ole Virginia Hams" are associated with the American Radio Relay League and the Foundation for Amateur Radio.

The Club operates a Repeater, (WA4FPM) on a 2 meter frequency at 146.97/37 MHz and on a 1 1/4 meter frequency at 223.06/224.66 MHz. The Repeater is located at the Northern Virginia Electric Co-Op Building, 10323 Lomond Drive, Manassas, Va. Our Repeater operates on a 24-hour basis and is equipped with sufficient battery power to operate at low power for 24 hours should the main commercial power fail. Under normal operating conditions, the repeater allows for two-way communication coverage of Prince William County, some of Loudoun County plus some of Fauquier County and even Washington, DC.

Some of the activities the Ole Virginia Hams are involved with:

- * Provide Training Classes
- * Provide Scholarships for students in Manassas, Manassas Park and Prince William County
- * Own, operate and maintain a communications repeater on the Northern Virginia Electric Co-Op tower that can be used for emergency communications in time of need
- * Sponsor and produce the Annual Manassas Hamfest and Computer Fair to promote Amateur Radio and to give an opportunity for other amateur radio operators to visit Manassas. (The Hamfest and Computer Fair is the Club's sole fund-raising event--it provides the funds for the other community and service activities.)
- * Provide communications, free of

charge, for charitable groups-- Bike-a-thons, Walk-a-thons, the Annual Christmas Parade, Joe Gibbs' Youth for Tomorrow Fair, and many others. The list grows each year.

- * Participate in Red Cross emergency preparedness drills and similar programs held within Prince William County and surrounding areas.
- * Participate in the world-wide Amateur Radio Field Day -- an exercise in emergency communications preparedness with amateurs across the United States, Canada and the world.

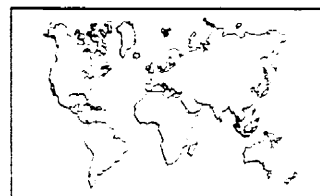
The "Ole Virginia Hams Amateur Radio Club" holds meetings on the third Monday of every month (except November) at 8:00 p.m., in the meeting room of the Northern Virginia Electric Co-Op Building, 10323 Lomond Drive, Manassas, VA. We cordially welcome all visitors.

SILENT KEY

It is with great sorrow we recognize the passing of Joe WB8TOC. He passed from our midst at the end of May and we share with Maureen KD4SAV in her mourning.

NEXT MEETING

The next meeting of the Ole Virginia Hams Amateur Radio Club will be on July 19th, 1993, in the Basement Meeting Room of the Northern Virginia Electric Co-Op, 10323 Lomond Drive, Manassas, Va. The meeting starts at 8:00 p.m. and all are welcome to attend.



**OLE VIRGINIA HAMS
AMATEUR RADIO CLUB, INC.
MINUTES OF MEETING
June 21, 1993**

The OVH June, 1993 Meeting was called to order at 8:05 P.M. There were 27 members and 2 guests present for a total attendance of 29.

The Pledge of Allegiance by all members, oral roll call, and signing of the attendance list opened the meeting which was presided over by Butch, N6NSM, Club President.

Mike, WV3H, Club Treasurer, gave the treasurer's report.

There was no program at this meeting.

COMMITTEE REPORTS:

There was no report from the Finance Committee.

Tim, KB4NR, reported that some minor maintenance was performed on the 144Mhz repeater. One of the items adjusted was the squelch on the 144Mhz machine; it was "tightened".

The Packet Committee report, given by Mike, WV3H, stated that all the batteries were sold at the Hamfest. With the moneys raised by this sale, the Packet Committee purchased a new 220Mhz antenna and an ICOM IC-38A for the 220Mhz side of the node. The batteries that the club sold were donated by Gene, K4RHC. A motion was made, seconded and passed to let him use the old 220Mhz RINGO antenna.

Harry, W4PVA, made the following public service/events announcement to get member participation. There will be a Civil War reenactment the last weekend of August (8-28 and 8-29). Hams are needed for safety reasons. Harry may need someone to assist or take-over this event, so if interested, call him right away. At the VE Exam session on Saturday, June 12th, there were 30 candidates and 56 exam elements were given; 4 upgraded to Nocode-Tech., 2 upgraded to Tech. Plus, 1 upgraded to General, 1 upgraded to Advanced, and 1 upgraded to Extra for a total of 9 candidates.

The Program Chairman, Joe, AB4QV said that he may have the SAREX

video at the next (July) Club meeting. No one has picked up the newsletter for Bonnie, N4QPB, for the next 2-3 months starting in June. Therefore, one will not be published until around September. The Computer Committee reported that the Club computer (KAYPRO) had a disk drive go bad. A motion was made, seconded, and unanimously passed to donate the computer to Jim, N3ODZ, to keep (and own) so that he could do whatever is needed to it. Jim, WD4OJY, Membership Chairman, read and the Club unanimously voted in Tom, KD4VNI; Mike, no call; Steve, no call. There were no new membership applications read for the first time.

The Education Committee said that classes went well overall. Due to personal issues, a new Field Day Chairman is needed. Harry, W4PVA read off a list of equipment that members promised would be available for use. Dan, KC4EWT, got things rolling and got names of attendees for food, transportation of generators, and tents for overnight. There was no FAR committee report.

OLD BUSINESS:

The Hamfest Chairman, Dan, KC4EWT, went over the Hamfest committee list and gave kudos to all who helped out. He thanked all that helped setup, all that worked very hard throughout the Hamfest, and those who helped clean up after the Hamfest was over. He mentioned that approximately 4,000 people may have attended the Hamfest. Bernice, KA4SCA, reported that the bake sale made \$183 (which will be matched by the Club). She said that everything was all sold out by about 12:20 P.M. She mentioned that more people needed to remember to bring goodies next year to make the bake sale an even bigger success.

NEW BUSINESS:

There was no new business.

The 50-50 drawing was won by Charles Florence, no call.

The meeting was adjourned at 9:20 P.M. Respectfully submitted,

Ron Everett, NV3S, Club Secretary

ARE YOU READY TO RESPOND?

Suggested items for your emergency response kit:

Repeater Directory
ARES/RACES/Red Cross ID card/s
Driver's/Amateur Licenses
Map/Compass/Sunglasses
Rain Gear for you
Baggie for your HT
Sleeping Bag or Blanket
Drinking Water (must be fresh)
Flares/Note Pads/Pens/Tape
Flashlight w/Spare Batteries
"Magic" Marker/Poster Board
Watch or Clock
First Aid Kit/Knife
Toilet Paper
2M HT w/Spare Batteries
(220/440 quite acceptable)
Charger for the HT
Microphones/Headphones
Scanner
Antenna (mag-mount)/Coax
Adapters/Tools/Solder Iron/Solder

Not everyone will have all of these, but it is suggested that such a kit be carried along to any emergency response situation. Also, you may find other items that would apply to your own situation and should be added to this list.

CONTESTER'S CORNER

I hope that no one got burned out on contesting from this past Field Day! There are several contests yet to go before the end of the year. I would like to use this column to provide results of contests club members have been involved with over the past month and to list upcoming contests for those members that might like to get their contesting feet wet! By the way, Mike(WV3H) and I (NS5N) hope to spice up the system used for satellite by next Field Day. I hope to get a lot of response to this column. Help me out with this people! It can be fun!!

SWAP N SHOP

Wanted: MFM Hard disk controller w/floppy drive controller for a Seagate drive Model #ST-251 -- A Seagate ST-22M is the recommended card.

I would also be interested in a terminating resistor for a Seagate ST-251.

Contact: Jim (WD4OJY) @ 369-3940 - evenings or on packet, either direct or via N4WJN.

Wanted: Manual for Ten-Tec 252G HF Rig. Having intermittent power problem and need manual & schematics to track it down.

Contact: Jim (KD4AUJ) @ 369-0782.

Need more input here!! Ed.

TIDBITS

SLED RIDE LAUNCHES LAW

In 1949, in California's Mojave Desert, Major John Paul Stapp survived an experimental rocket-sled ride with acceleration beyond 31 times gravity--31"G's." Only afterward did he learn every G-sensor had failed.

Captain Edward Aloysius Murphy Jr., called in to investigate the problem, found all six G-measuring devices installed backwards. He re-marked, "If there's more than one way to do a job, and one of those ways will end in disaster, somebody will do it that way." Thus was Murphy's Law born.

Murphy said later, "I never meant to be fatalistic. I just wanted to warn people to cover all the bases, because if you don't you're in trouble." Murphy's Law achieved lasting fame, and made several people rich, but not Murphy.

Reprinted from July 1993 ARNS via Nuclear Age, via Hale Blakely, W9CBE, via the Nov. '92 West Allis(WI) RAC "Hamtrix"-Les Peterson, W9YCV Editor.

PACKET BURSTS

de
John/KI4RO

This month I decided to tell you a little about the BBS that we have all grown accustomed to using. The board actually came to life at my house in Herndon. After making a decision to re-locate to Warrenton, I began looking for someone to pick up the board since it didn't seem reasonable to run the BBSHRG from Warrenton. Bill, N4WJN, stepped forward. Thanks to Bill's tireless efforts most of us now take the board for granted. As SYSOP (short for SYStemOPerator) Bill usually devotes 10 to 15 hours per week taking care of the board. This involves looking for question-able messages, checking paths to nodes, removing bogus call-sign info from the White Pages, updating forwarding paths and reading and responding to SYSOP mail. Other than that, Bill doesn't have a thing to do all week! HI! (As you can see being SYSOP is not a bed of roses and cuts significantly into the time that Bill can devote to other facets of our hobby. JPS)

Bill says that forwarding generally takes place between 0200 and 0500 local. Occasion-ally he will "force" a for-warding session (the POWER of being SYSOP! HI!) to get out special information; it is for this reason that Bill requires all stations using the board's auto-forwarding capability to be up 24 hours a day.

As far as the best times to access the board, Bill suggests between 0000 and 1500 local, with 0900 to 1300 local being ideal; he knows we all have to work to support our hobby, but if you're home sick or on vacation the 0900 to 1300 slot is a good time to get in. The worst times? You guessed it ... 1700 to 2300.

The board consists of the following software/hardware:

- * WORLI ver 13.2, this is the BBS itself.
- * G8BPQ 3.59, this is the NODE

software that controls both the MANAS node and the BBSHRG node. The node software is what gives the board its "visibility" since it is capable of keeping track of other nodes and routing information to the other nodes.

* 2 meter port: Yaesu FT-212RH, 50 watt (in the shop but on the mend); temporarily using an FT-411 HT @ 5 watts into a Daiwa LA-2080H 80 watt amplifier. One PK-88 operating in KISS mode. (The repair of the FT-212RH is being paid for by OVH. JPS)

* 440 port: Icom O4AT HT 5 watts. One PK-88 operating in KISS mode. (This port donated by the Herndon Repeater Group)

* ANTENNA: Diamond X500 dual band, omni-directional at about 40 feet.

* COMPUTER: 80386, 25 mhz IBM clone laptop, 120 meg hard disk, 4 meg memory. Running MS DOS 5.0, QEMM 6.0, and DesqView ver 2.41; The DesqView software is what allows the board to accept/generate multiple connects simultaneously.

This system is a general purpose packet radio server node. It supports message store and forward, file upload/download, the SAM on-line callbook QTH database, & info on stations heard or connected.

Field Day Results de N4SN

KD4AUJ	NOVICE STATION	21	21
N4SN	15 CW	43	86
N4SN	15 SSB	53	53
N4SN	17 SSB	3	3
N4SN	20 CW	50	00
N4SN	20 SSB	50	50
N4SN	40 CW	103	206
N4SN	40 SSB	89	89
N4SN	UHF/VHF	15	15
N4SN	80 CW	23	46
N4SN	PACKET	33	66
N4SN	SATELLITE	1	2

Points for contacts only bonus points to be added

***ED'S NOTE**

Here are just a few quick lines to let all of the readers know that the newsletter is now being assembled and produced from a new QTH. My name is Jay (NS5N) and I have ass-umed the coordination and production of the Ole Virginia Times. Persons wishing to submit articles or items of information or requests, etc., may submit them any of several ways. Ideally, via packet radio would be the easiest and most expeditious for me to handle. Realizing that not everyone is on packet radio, by mail to the OVH PO Box would be one of the routes. The last could be via my voice mailbox that I maintain typically twenty out of twenty-four hours a day. 73 and I hope you enjoy the newsletters as much as I have in the past. It can be very difficult filling experienced shoes, but with the support that you have shown, it should make the task much easier.

J Edgar McDermott
10932 Cattail Court
Manassas, VA 22110
Home (VOX) (703)330-7333
Home (VBS) (703)369-1575
Via Packet NS5N @ N4WJN

Deadline for all newsletter items (unless extreme emergency) will be 15 days before the current months meeting. Sooner is better and probably assures a better chance of entry into the next publication. Thank you for your cooperation.

We are trying to fill the gaps in our newsletter. If you have something of interest to say, this is the place to make your statement. Send me any items that you feel are important to you and the amateur community. Public service announcements are always a welcome item. That is what "Hams" do best!

extracted from

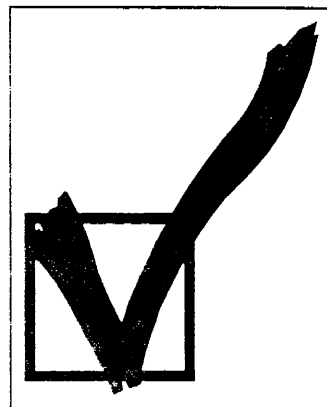
"REFLECTIONS ON VOLUNTEERING"

by Lee Rosenfeld, W2QNL

At first, volunteering implied that I was doing someone a favor. In fact, I was doing exactly what I wanted, in just the way I enjoyed and couldn't think of anyone to thank for doing so except my Elmer and myself. Volunteering is related to using one's free will and does not imply "favors" at all, except that you're favoring yourself.

When the time or opportunity comes to do what it is you think or know that you will like doing, get into it without the favors that volunteering may imply to some. If you do enjoy whatever it is, to the extent that you want to thank some-one for the opportunity, thank your-self and dig in. Its rewards are your own enrichment.

Have you checked to see if you have any items of interest that are collecting dust around the house? You could place them here in the new Swap 'n' Shop column. Besides, it is free and your ad could bring you that nice little extra loose change you



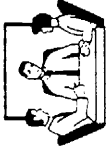
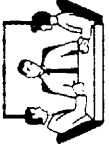
were looking for just in time for the next hamfest! Look around. See what you have. Every time I move I find more and more that I have picked up and planned to use and it still sits there. Sooner or later I really will start that project! You know how to reach the "Ole Virginia Times" "HotLine". Drop me a line in the PO Box, the Packet Mailbox or the Voice Message Box. I would like to see you and the newsletter gain from your excess material. 73 de Ed.

OVH LOOK-UP SHEET

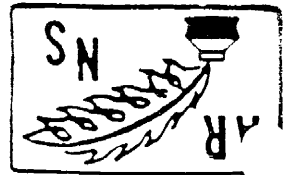
KC0PR	STUART	KD4GTN	GEORGE	KB4RME	PETER
W1CRO	ART	WD4GZB	RICK	KI4RO	JOHN
WA1FFX	CHARLES	N4HFW	GENE	KC4RON	JEFFREY
WA1STU	JOHN	WB4HHN	RUSSELL	KD4SAV	MAUREEN
KA1UTB	JAY	W4HJH	JAMES	KA4SCA	BERNICE
WA1VQN	STEVE	W4HJL	BUTCH	N4SCK	ROBERT
WA2AJQ	LARRY	KD4IEA	JIM	N4SMP	GEORGE
KB2CEV	STEVE	KD4IEG	ADOLPH	N4SN	MILT
N2CNX	PAUL	KD4IIX	FRED	N4SW	WALT
WA2GTT	ALAN	K4IQH	AL	KB4TED	JOSEPH
WA2QEJ	JAMES	K4ITO	CURT	KC4TRN	DAVID
N3CXB	DOUG	KB4IWD	JEFFREY	NK4U	NANCY
KA3EHL	CHUCK	N4DXV	GEORGE	KA4UFF	RANDY
WV3H	MIKE	KD4KBS	GARETH	KM4UH	KEN
N3HIG	MARK	KD4KBX	ALAN	KC4UNV	FRANCES
KU3M	RICK	WB4KFU	BILL	KD4UWW	RUSTY
N3MA	MICHAEL	K4KGU	JOHN	KB4VDG	BRAD
N3MWJ	BARBARA	WD4KLG	BILL	KC4VMV	TOM
WA3NPI	CHRIS	KD4KLK	BILL	KC4VMW	JON
N3NVF	MICHAEL	AB4KY	BOB	KD4VNH	MATT
N3ODZ	BUTCH	WD4LBR	BRUCE	KD4VNI	TOMMY
K3QHD	ROBERT	WB4LII	SIEG	KD4VPO	DAVE
NV3S	RON	N4LTU	KENNETH	KA4VYT	WILLIAM
KM4AA	KEITH	N4MFP	MIKE	N4VZT	RICK
KA4AFU	TOMMY	N4MLE	GUS	KB4WBC	DREW
WB4AKC	DAVID	N4MM	JOHN	KC4WES	JUDY
N4ANW	LEROY	KB4MOW	KURTIS	N4WJN	BILL
KD4AUJ	JAMES	N4MQ	WOODY	KC4WJO	ROBERT
WD4AVU	ED	KD4NNI	JOHN	W4WKB	GENE
N4AZC	HENRY	KB4NR	TIM	KC4WKQ	JOE
WD4AZG	DICK	WB4NWG	ROLAND	N4WUV	CRAIG
K4CB	FRANK	WD4ODM	BRUCE	N4XSL	GEORGE
KB4CVL	MIKE	KB4OF	STEVE	N4YIC	JACK
N4DCL	WAYNE	N4OGR	STEVE	KC4YMF	TOM
KD4DEE	DAVID	WD4OJY	JIM	N4YOB	JOHN
KD4DEG	WOODY	KC4OLE	AARON	W4ZB	RICHTER
KD4DEK	RONALD	AC4OM	DICK	KC4ZNQ	MIKE
KD4DFB	ERVIN	KC4OYD	ANGELA	KC4ZPM	MATT
KD4DFD	IVAN	KQ4PA	JARED	KC4ZPN	JAMES
KD4DWR	TIM	N4PD	PAUL	N4ZWN	DAVID
KB4EFP	MARY LU	W4PVA	HARRY	NS5N	J EDGAR
WA4EJY	MIKE	N4QDD	TED	WA6HAO	DOC
N4ENW	LOWELL	N4QPB	BONNIE	N6NSM	BUTCH
KC4EWT	DAN	AB4QV	JOE	KD6RNE	MARVIN
WB4FGS	SAMUEL	WA4QYP	BOB	WA6YOU	RONALD
K4FHK	TOM	N4REI	MICHAEL	N7NXV	DENNIS
WA4FIC	BILL	KD4RHB	ANDY	N8NCC	ANN
K4FPT	JOE	KD4RHC	GENE	WB8TOC	JOE (SK)
KB4GCR	CHARLIE	WD4RKH	BRENDA	K9SP	JIM
KD4GCX	MIKE	KA4RKJ	LISA	KA9VSU	FRANK
KD4GDZ	MOE	KB4RKL	BLAINE		
W4GTL	JACK	N4RL	ROBERT		

OLE VIRGINIA HAMS AMATEUR RADIO CLUB

July 18 - August 21, 1993

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
July 18	July 19  2000 OVH MEETING	July 20	July 21 VEC LAUREL, MD	July 22 ↑ 2000 NET NITE 146. 970 MHz	July 23 VEC ARLINGTON, VA	July 24
July 25 Hamfest Timonium, MD	July 26 VEC HAGERSTOWN, MD	July 27	July 28	July 29 ↑ 2000 NET NITE 146. 970 MHz	July 30 VEC STAFFORD, VA	July 31
Aug 1 Hamfest Berryville VEC LANDOVER, MD	Aug 2	Aug 3	Aug 4	Aug 5 ↑ 2000 NET NITE 146. 970 MHz	Aug 6	Aug 7 VEC MIDDLETOWN, VA VEC COLLEGE PARK, MD
Aug 8	Aug 9	Aug 10	Aug 11	Aug 12 ↑ 2000 NET NITE 146. 970 MHz	Aug 13	Aug 14 <small>VEC HAGERSTOWN, VA VEC LANDOVER, MD VEC MIDDLETOWN, VA VEC STAFFORD, VA</small>
Aug 15	Aug 16  2000 OVH MEETING	Aug 17	Aug 18	Aug 19 ↑ <small>2000 NET NITE 146. 970 MHz VEC TOWSON, MD</small>	Aug 20	Aug 21 VEC LAUREL, MD VEC HAMPTON ROADS, VA

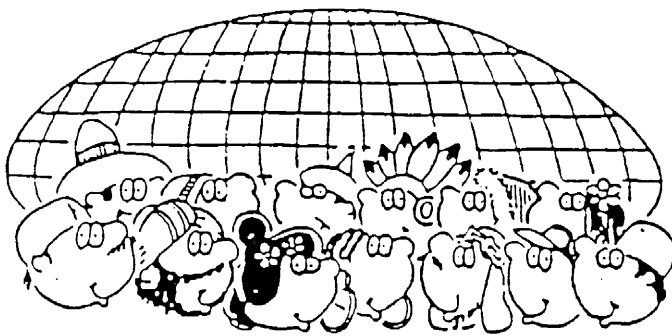
submit items for calendar to NS5N. Tnx.



FIRST CLASS MAIL



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